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PATENT APPLICATION FEE DETERMINATION RECORD

Substitute for Form PTO-875

Application of Pocket Number
10/748233

CLAIMS AS FILED - PART I

(Column 1)

(Column 2)

'SMALL ENTITY'

Ch

OTHER THAN
SMALL ENTITY

FOR	NUMBER FEE	NUMBER EXTRA
BASIC FEE (37 CFR 1.16(a))		
TOTAL CLAIMS (37 CFR 1.16(c))	minus 20 =	
INDEPENDENT CLAIMS (37 CFR 1.16(b))	minus 3 =	
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(d))		

* If the difference in column 1 is less than zero, enter "0" in column 2.

RATE	FEE
X \$ _____ =	
X \$ _____ =	
\$ _____ =	
TOTAL	

RATE	FEE
X \$ _____ =	\$ _____
X \$ _____ =	
+ \$ _____ =	

101/44

CLAIMS AS AMENDED - PART II

(Column 1)

(Column 2)

(Column 3)

SMALL ENTITY

OR

OTHER THAN
SMALL ENTITY

AMENDMENT	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	
	TOTAL (37 CFR 1.1640)	12	None	20	2
	Independent (37 CFR 1.1640)	1	None	3	1

FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.1640)

RATE	ADDITIONAL FEE
1.5 _____	
1.5 _____	
1.5 _____	
TOTAL ADD. FEE	

SMALL ENTITY	
RATE	ADDITIONAL FEE
X \$ _____ =	
A \$ _____ =	
+ \$ _____ =	
TOTAL ADDITIONAL FEE:	

AMENDMENT	(Column 1)	(Column 2)	(Column 3)
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
TOTAL 127 CLAIMS PAID	Same	Same	/
Independent 127 CLAIMS PAID			
FIRST CLAIM SUBMITTED FOR AN INDEPENDENT CLAIM: 127 CLAIMS PAID			

RATE	ADDITIONAL FEE
1.50	
1.50	
1.50	
TOTAL ADDITIONAL	

RATE	ADDITIONAL FEE
1-1	
2-2	
3-3	
TOTAL ADDL FEE	

	(Column 1)	(Column 2)	(Column 3)
AMENDMENT	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
TOTAL (17 CER + 1500)		minus	
Independent (17 CER + 1500)		minus	
FIRST TIME SUBMITTING A NEW CASE IN DEPENDENT CLASS (17 CER + 1500)			

RATE	ADDITIONAL FEE
\$.00 _____	
\$.00 _____	
\$.00 _____	
TOTAL	
AMOUNT PAID	

RATE	ADDITIONAL FEE
1.00	1.00
2.00	2.00
3.00	3.00
4.00	4.00
5.00	5.00
6.00	6.00
7.00	7.00
8.00	8.00
9.00	9.00
10.00	10.00
11.00	11.00
12.00	12.00
13.00	13.00
14.00	14.00
15.00	15.00
16.00	16.00
17.00	17.00
18.00	18.00
19.00	19.00
20.00	20.00
21.00	21.00
22.00	22.00
23.00	23.00
24.00	24.00
25.00	25.00
26.00	26.00
27.00	27.00
28.00	28.00
29.00	29.00
30.00	30.00
31.00	31.00
32.00	32.00
33.00	33.00
34.00	34.00
35.00	35.00
36.00	36.00
37.00	37.00
38.00	38.00
39.00	39.00
40.00	40.00
41.00	41.00
42.00	42.00
43.00	43.00
44.00	44.00
45.00	45.00
46.00	46.00
47.00	47.00
48.00	48.00
49.00	49.00
50.00	50.00
51.00	51.00
52.00	52.00
53.00	53.00
54.00	54.00
55.00	55.00
56.00	56.00
57.00	57.00
58.00	58.00
59.00	59.00
60.00	60.00
61.00	61.00
62.00	62.00
63.00	63.00
64.00	64.00
65.00	65.00
66.00	66.00
67.00	67.00
68.00	68.00
69.00	69.00
70.00	70.00
71.00	71.00
72.00	72.00
73.00	73.00
74.00	74.00
75.00	75.00
76.00	76.00
77.00	77.00
78.00	78.00
79.00	79.00
80.00	80.00
81.00	81.00
82.00	82.00
83.00	83.00
84.00	84.00
85.00	85.00
86.00	86.00
87.00	87.00
88.00	88.00
89.00	89.00
90.00	90.00
91.00	91.00
92.00	92.00
93.00	93.00
94.00	94.00
95.00	95.00
96.00	96.00
97.00	97.00
98.00	98.00
99.00	99.00
100.00	100.00

- B) the entropy of column 1 is less than the entropy of column 2 while it is different
- C) the hypothesis H₀: p = 0.5 is rejected if $\sum_{j=1}^n \log_2 \frac{f_j}{0.5}$ is less than -z for some z
- D) the hypothesis H₀: p = 0.5 is rejected if $\sum_{j=1}^n \log_2 \frac{f_j}{0.5}$ is less than 0 for some z

The χ^2 statistic is calculated as follows: $\chi^2 = \sum \frac{(O - E)^2}{E}$, where O is the observed frequency and E is the expected frequency. The degrees of freedom are calculated as $df = (r - 1)(c - 1)$, where r is the number of rows and c is the number of columns. The χ^2 statistic is compared to the critical value from the χ^2 distribution table at the 0.05 level of significance. If the calculated χ^2 is greater than the critical value, the null hypothesis is rejected, indicating a significant association between the variables. In this case, the calculated χ^2 is 12.34, which is greater than the critical value of 3.84, leading to the rejection of the null hypothesis.